Natural Hazards Data available from NGDC

NGDC and the collocated World Data Center for Solid Earth Geophysics, Boulder archive many digital data files and analog data sets containing descriptions and analyses of the effects of tsunamis, earthquakes, and volcanoes. NGDC has compiled a unique set of products related to these data including historic event data, technical publications, and photographs. For more information, see NGDC's natural hazards web pages: http://www.ngdc.noaa.gov/seg/hazard/hazards.shtml

The historic tsunami database provides information on tsunami events such as the cause of the tsunami, the source location, the magnitude and intensity of the tsunami, and locations where tsunami effects occurred. The significant earthquake database contains information on destructive earthquakes including effects such as fatalities and damage. These data are stored in a relational database management system and are accessible over the Web as tables, reports, and interactive maps.

http://www.ngdc.noaa.gov/seg/hazard/tsu.shtml http://www.ngdc.noaa.gov/seg/hazard/earthqk.shtml

NGDC maintains a collection of geologic hazards photographs which are available as 35mm slide sets, digital images on CD-ROM, or online. Each slide set consists of 20 slides in color and/or black and white along with a separate booklet of captions. Sets are available for earthquakes, volcanoes, tsunamis, landslides, and other geologic hazards.

hazards.http://www.ngdc.noaa.gov/seg/fliers/se-0801.shtml

The on-line ArcIMS Interactive Maps provide geospatial access and map displays of the tsunami, significant earthquake, and volcano data. http://www.ngdc.noaa.gov/maps/ US Department of Commerce National Oceanic & Atmospheric Administration (NOAA) National Environmental Satellite, Data & Information Service National Geophysical Data Center



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Phone: 303-497-6286 Fax: 303-497-6513 TDD: 303-497-6958

Email: ngdc.info@noaa.gov http://www.ngdc.noaa.gov/

NGDC Online Store and products: http://www.ngdc.noaa.gov/products/

Natural Hazards ordering information:

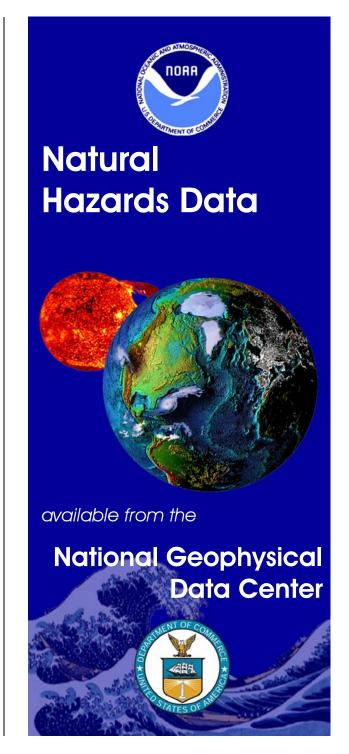
Contact: Kathy Martin
Phone: 303-497-6826
Fax/TDD: (same as above)
Email: ngdc.info@noaa.gov

Natural Hazards technical contact:

Phone: 303-497-6084 Fax/TDD: (same as above)

Email: Paula.Dunbar@noaa.gov http://www.ngdc.noaa.gov/seg/hazard/

NOAA Satellites and Information http://www.nesdis.noaa.gov





Natural Hazards such as earthquakes, tsunamis, and volcanoes affect both coastal and inland areas. Longterm data from these events, including photographs, can be used to establish the past record of natural hazard event occurrences. These data are also important for planning, response, and mitigation of future events. The National Geophysical Data Center plays a major role in postevent data collection.

Sample Products

(clockwise from upper left):

Natural Hazards Slide Sets -

Tsunamis, Volcanoes, Earthquakes

Tsunami Publications -

The Tsunami History of Guam Outreach and Education - Kids Hazards Quiz Posters - Stratovolcanoes and Shield Volcanoes

Tsunami and Significant Earthquake Data -

Interactive Maps Database Searches



http://www.ngdc.noaa.gov/seg/hazard

